Amendment to the Specifications; correction of typographical error to the correct spelling of Phosphatidylcholine:

On page 9, please replace line [31], amend the text as follows:

A satisfactory surface-active agent is selected from the group consisting of L-α-~~phospharidycholine~~ phosphatidylcholine didecanoyl (DDPC), polysorbate 20 (Tween 20), polysorbate 80 (Tween 80), polyethylene glycol (PEG), cetyl alcohol, polyvinylpyrolidone (PVP), polyvinyl alcohol (PVA), lanolin alcohol, and sorbitan monooleate.

On page 45, please replace line [13], amend the text as follows:

Certain surface-active agents are readily incorporated within the mucosal delivery formulations and methods of the invention as mucosal absorption enhancing agents. These agents, which may be coordinately administered or combinatorially formulated with Y2 receptor-binding peptide proteins, analogs and mimetics, and other biologically active agents disclosed herein, may be selected from a broad assemblage of known surfactants. Surfactants, which generally fall into three classes: (1) nonionic polyoxyethylene ethers; (2) bile salts such as sodium glycocholate (SGC) and deoxycholate (DOC); and (3) derivatives of fusidic acid such as sodium taurodihydrofusidate (STDHF). The mechanisms of action of these various classes of surface-active agents typically include solubilization of the biologically active agent. For proteins and peptides which often form aggregates, the surface active properties of these absorption promoters can allow interactions with proteins such that smaller units such as surfactant coated monomers may be more readily maintained in solution. Examples of other surface-active agents are L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl (DDPC) polysorbate 80 and polysorbate 20.These monomers are presumably more transportable units than aggregates. A second potential mechanism is the protection of the peptide or protein from proteolytic degradation by proteases in the mucosal environment. Both bile salts and some fusidic acid derivatives reportedly inhibit proteolytic degradation of proteins by nasal homogenates at concentrations less than or equivalent to those required to enhance protein absorption. This protease inhibition may be especially important for peptides with short biological half-lives.

On page 115, please replace Table No. [6] with the following rewritten table:

Table 6

Reagent	Grade	Vendor	mg/mL	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
PYY 3-36	GMP	Bachem	1	0.1
Purified Water				

Formulation pH 5 +/- 0.25
Osmolarity ~250

On page 116, please replace Table No. [7] with the following rewritten table:

Table 7

Reagent	Grade	Vendor	mg/ml	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
PYY 3-36	GMP	Bachem	15	0.1
Purified Water				

Formulation pH 5 +/- 0.25

On page 127, please replace Table No. [8b] with the following rewritten table:

Example 8b
PYY Human Administration and Weight Loss

The following PYY Nasal formulation was made.

Reagent	Grade	Vendor	Cat #	Lot #	F.W.	mg/ml	%
Cholorbutanol, anhydrous	NF	Spectrum	CH123	RI1646	177.46	2.5	0.25
Methyl-β-Cyclodextrin		Sigma	C-4555	81K1179		45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	P-7081	55H8377	565.7	1	0.1
Edetate Disodium (EDTA)	USP	Dow Chemicals		1034N-00269-2	372.2	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	S0165	RH1056	294.1	1.6	0.16
Citric Acid, Anhydrous	USP	Sigma	C-1857	062K003	192.13	0.9	0.09
PYY(3-36), endotoxin-free		Phoenix	059-02	420338	4049.71	2	0.2
Purified Water							

Formulation pH 5 +/- 0.25

On page 151, please replace Table No. [12] with the following rewritten table:

Table 12

Reagent	Grade	Vendor	mg/mL	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium (EDTA)	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
NPY(3-36)	GMP	Bachem	1	0.1
Purified Water				

Formulation pH 5 +/- 0.25
Osmolarity ~250

On page 152, please replace Table No. [13] with the following rewritten table:

Table 13

Reagent	Grade	Vendor	mg/ml	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
NPY(3-36)	GMP	Bachem	15	0.1
Purified Water				

Formulation pH 5 +/- 0.25

On page 153, please replace Table No. [14] with the following rewritten table:

Table 14

Reagent	Grade	Vendor	mg/mL	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
PP(3-36)	GMP	Bachem	1	0.1
Purified Water				

Formulation pH 5 +/- 0.25
Osmolarity ~250

On page 153, please replace Table No. [14] with the following rewritten table:

Table 15

Reagent	Grade	Vendor	mg/ml	%
Cholorbutanol, anhydrous	NF	Spectrum	5.0	0.50
Methyl-β-Cyclodextrin		Sigma	45	4.5
L-α-~~Phospharidycholine~~ Phosphatidylcholine Didecanoyl		Sigma	1	0.1
Edetate Disodium	USP	Dow Chemicals	1	0.1
Sodium Citrate, Dihydrate	USP	Spectrum	1.62	0.162
Citric Acid, Anhydrous	USP	Sigma	0.86	0.086
α-Lactose monohydrate		Sigma	9	0.9
Sorbitol		Sigma	18.2	1.82
PP(3-36)	GMP	Bachem	15	0.1
Purified Water				

Formulation pH 5 +/- 0.25